

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011865**Date Inspected:** 22-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Zhang zhong**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#14

FCAW welding of weld joint 3F-76 located on PCMK SSD10-PP104 of 11DW welder is identified as 202122. ZPMC QC is identified as Mr.Xu tao . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132.

SMAW welding of weld joint 3F-068 located on PCMK SP784-001 of 11DW welder is identified as 058243. ZPMC QC is identified as Mr. Xu tao The welding variables recorded by QC appeared to Comply with the WPS-B-P-2213-B-U2-FCM-1.

SMAW welding of weld joint 4G-001 located on PCMK SEG3002A of 12BE welder is identified as 200113. ZPMC QC is identified as Mr.Zhang guo hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2214-B-U2-FCM-1.

FCAW welding of weld joint 3G-007 located on PCMK SSD19A-PP107 of 11EE welder is identified as 050242. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2233-B-U2-F.

FCAW welding of weld joint 3G-002 located on PCMK SSD19A-PP108 of 11EE welder is identified as 055491.

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ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-P-2233-B-U2-F.

This QA inspector performed UT of approximately 10% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an UT report for this date. The members are identified as Segment 11AE. The weld designations reviewed are as follows:
SEG3001A-004,006,010,014.

BAY#19

FCAW welding of weld joint 2G-005 located on PCMK SB009-042 of Lift 6 welder is identified as 062763. ZPMC QC is identified as Mr. Zhou cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-Tc-U4b-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer
